

# *Property Tax Level in Wisconsin*



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## Introduction

The property tax is the largest source of state and local tax revenue in Wisconsin. Local governments levy 99% of the tax, and the remaining 1% is collected by the state. Prior to 1900, the property tax was the state government's largest tax. As the state's economy has diversified, state government has come to rely on other tax sources and has established various aid programs to reduce local reliance on the property tax. The only remaining state property tax is the state forestation tax, which is levied at a rate of \$0.20 per \$1,000 of value. The resulting revenue (\$62.5 million in 2001-02) is segregated for use in state forestry programs.

The following sections describe seven aspects of Wisconsin's property tax system: (1) reliance of local governments on the property tax; (2) measures of property tax levels in Wisconsin and other states; (3) property tax distribution by type of taxpayer; (4) changes in state taxes, state assistance, property taxes; and inflation since 1970; (5) changes in property tax levies by taxing jurisdiction; (6) property tax rates; and (7) property taxes paid on a median-valued home.

other states. Based on the most recent data available from the U.S. Bureau of the Census, Table 1 compares the composition of local government revenue in Wisconsin to the U.S. average. As shown, Wisconsin local governments rely on the property tax more than local governments in most other states. Wisconsin governments also have a greater reliance on intergovernmental revenues, while "own source" revenues are more significant, on average, for governments in other states.

**Table 1: Composition of Local Government Revenues (Wisconsin Versus U.S. Average, 1998-99)**

	Wisconsin	U.S. Average
Property Tax	32.2%	27.2%
Sales Tax	1.3	6.1
Income Tax	N.A.	2.4
Other Taxes	0.8	1.9
Charges and Miscellaneous	<u>18.0</u>	<u>23.3</u>
Total Own Source Revenues	52.3%	60.9%
Intergovernmental Revenues	<u>47.7</u>	<u>39.1</u>
Total Local Government Revenues	100.0%	100.0%

Source: U.S. Department of Commerce, Bureau of the Census; Government Finances, 1998-99; September, 2001.

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## Local Government Reliance on Property Tax Revenues

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The property tax is the major source of tax revenue for local governments in Wisconsin and 47

Local governments may not levy a property tax unless authorized by state law. Each of the types of local units with taxing authority is described below. Table 2 reports the composition of revenues for all but special purpose districts.

**Towns, Villages, and Cities.** There are 190 cities, 395 villages, and 1,265 towns in Wisconsin. They are sometimes called "general purpose

**Table 2: Revenue Sources for Local Governments (\$ in Millions)**

	Gross Property Tax	Other Taxes	Intergovernmental Aids	Other Revenues	Total
<b>Towns (2001)</b>					
Amount	\$268.1	\$18.0	\$231.5	\$232.6	\$750.2
Percent	35.7%	2.4%	30.9%	31.0%	
<b>Villages (2001)</b>					
Amount	\$272.8	\$33.7	\$148.9	\$555.4	\$1,010.8
Percent	27.0%	3.3%	14.7%	55.0%	
<b>Cities (2001)</b>					
Amount	\$1,224.1	\$165.0	\$1,191.0	\$2,775.4	\$5,355.5
Percent	22.9%	3.1%	22.2%	51.8%	
<b>Counties (2001)</b>					
Amount	\$1,313.9	\$267.6	\$1,800.0	\$2,141.8	\$5,523.3
Percent	23.8%	4.8%	32.6%	38.8%	
<b>School Districts (2001-02)</b>					
Amount	\$3,071.8	\$0.0	\$5,032.3	\$473.9	\$8,578.0
Percent	35.8%	0.0%	58.7%	5.5%	
<b>Technical College Districts (2001-02)</b>					
Amount	\$510.0	\$0.0	\$235.3	\$312.7	\$1,058.0
Percent	48.2%	0.0%	22.2%	29.6%	

governments" because they provide a variety of public services, including police and fire protection, sanitation, transportation, and recreation. Municipalities rely on a more diverse array of revenue sources than other local governments to fund these services. However, the property tax represents the most significant tax available to municipalities and, on average, it represents approximately 25% of all municipal revenue. Other taxes that municipalities may impose include the room tax, motor vehicle "wheel" tax, mobile home fees, premier resort area tax, and special assessments.

**Counties.** Like municipalities, the state's 72 counties perform a variety of services that may be characterized as "general purpose." However, over 40% of all county expenditures are dedicated to health and human service functions. Counties may impose sales and use taxes as well as a property tax. County sales and use tax collections represent

the majority of other county taxes.

**Elementary and Secondary School Districts.** The state is divided into 426 elementary and secondary school districts. Unlike municipalities and counties, these districts perform a single function--education. Prior to 1996-97, the property tax was the most significant revenue source of school districts and comprised almost half of all school district revenues. However, increases in state aid resulting from the state commitment to provide two-thirds of partial school revenues on a statewide basis have caused intergovernmental aids to become the most significant revenue source for school districts. In 2001-02, intergovernmental revenues comprised 58.7% of school revenues, and property taxes represented only 35.8%.

**Technical College Districts.** There are 16 technical college districts in the state. They provide post-secondary education through courses leading to associate degrees and vocational diplomas, college parallel courses, and continuing education courses. The property tax accounts for 48.2% of their revenues and is the districts' most significant revenue source.

**Special Purpose Districts.** In addition to the districts described above, other special purpose districts are authorized to levy property taxes. These include seven metropolitan sewerage districts, 327 town sanitary districts, and 204 inland lake rehabilitation districts. Although they may have a tax levy, many special purpose districts raise most of their revenues through user fees.

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### Measures of Property Tax Level

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Wisconsin local governments' heavy reliance on the property tax has contributed to above-average property tax levels. Two widely used measures of tax levels are property taxes per \$1,000 of personal

income and property taxes per capita. Table 3 shows Wisconsin's ranking under these measures since 1970. Wisconsin's property tax level exceeded the U.S. average under both measures in all periods examined. This comparison is based on the most recent data provided by the U.S. Bureau of the Census.

property tax credits by type of taxpayer between 1970(71) and 2001(02). Over this period, taxes increased more rapidly on commercial and residential property than on manufacturing and other property. As a result, residential and commercial property have borne increasing shares of the tax burden, while decreasing shares have been borne by manufacturing and other property. Several factors explain the shift in tax shares.

First, some types of property have been exempted through state law changes. Manufacturers' machinery and equipment (M&E) was exempted in 1974. In 1977, the Legislature chose to gradually exempt farmers' livestock and commercial and manufacturing inventories by assessing them at increasingly lower percentages of full value until they became entirely exempt in 1981. The

exemption for computers and related equipment took effect in 1999 and removed \$2.3 billion in tax base. At the time of their enactment, these three exemptions collectively represented 18% of the remaining statewide taxable value. Some of the reduction in agricultural taxes between 1995(96) and 2001(02) was caused by phasing-in use value assessment for agricultural land.

Second, property has been added or removed since 1970(71). The majority of new construction has been for residential and commercial uses. As that tax base has been added, residential and commercial taxpayers have borne an increasing percentage of total taxes. Other properties have been demolished or converted to other uses. This accounts for some of the reduction in the percent of taxes borne by manufacturing property. Similarly, farmland has been converted to other uses as the number of farms has declined from about 110,000 in 1970 to 77,000 in 2001.

**Table 3: Wisconsin State and Local Property Taxes Per \$1,000 of Personal Income and Per Capita**

	Property Taxes Per \$1,000 of Personal Income			Property Taxes Per Capita		
	Amount	Rank Among	Percent of 50	Amount	Rank Among	Percent of 50
		50 States	State Average		50 States	State Average
1970	\$63.35	4	138.5%	\$220.50	6	131.6%
1975	52.13	13	116.6	271.09	14	112.2
1980	42.36	16	119.4	360.53	16	119.2
1985	45.66	11	132.9	568.55	12	130.8
1990	45.10	12	126.6	738.02	16	118.0
1995	49.75	7	138.1	1,030.78	9	133.1
1999	40.31	11	124.0	1,052.31	12	119.5

Source: U.S. Department of Commerce, Bureau of the Census.

### Property Tax Distribution by Type of Taxpayer

This section provides estimates of the percent of total property taxes borne by different types of property over the last 31 years. The analysis examines taxes levied in 1970 (payable in 1971), 1975(76), 1980(81), 1985(86), 1990(91), 1995(96), 2000(01), and 2001(02). The Department of Revenue annually reports gross property tax levies by class of property. Two adjustments have been made to the Department's figures. First, taxes on personal property have been allocated by type of taxpayer. Second, state property tax credits have been apportioned to distinguish between the gross and net tax burdens.

Table 4 reports property tax levies net of state

**Table 4: Net Property Tax by Type of Taxpayer (\$ in Millions)**

	1970(71)	1975(76)	1980(81)	1985(86)	1990(91)	1995(96)	2000(01)	2001(02)
Residential	\$526.1	\$699.3	\$1,124.1	\$1,617.5	\$2,458.9	\$3,369.9	\$4,079.3	\$4,377.2
Commercial	202.0	279.4	361.2	573.8	971.3	1,206.0	1,321.8	1,415.6
Real Estate	169.0	231.4	311.6	487.8	822.6	1,023.6	1,166.5	1,251.8
Personal Property	33.0	48.0	49.6	86.0	148.7	182.4	155.3	163.8
Manufacturing	184.1	119.3	128.0	173.4	239.2	275.1	280.8	294.4
Real Estate	115.0	77.8	93.3	128.1	166.6	196.8	227.9	240.7
Personal Property	69.1	41.5	34.7	45.3	72.6	78.3	52.9	53.7
Other	127.2	164.9	287.8	379.7	399.5	416.1	364.8	384.5
Agricultural/Other	108.6	148.1	257.5	335.5	342.6	352.8	255.2	256.1
Swamp/Waste/								
Forest	5.9	10.1	26.1	42.2	53.5	59.3	105.6	124.2
Other Personal	<u>12.7</u>	<u>6.7</u>	<u>4.2</u>	<u>2.0</u>	<u>3.4</u>	<u>4.0</u>	<u>4.0</u>	<u>4.2</u>
Total	\$1,039.4	\$1,262.9	\$1,901.1	\$2,744.4	\$4,068.9	\$5,267.1	\$6,046.7	\$6,471.7
<b>Percent of Total</b>								
Residential	50.6%	55.4%	59.1%	58.9%	60.4%	64.0%	67.5%	67.6%
Commercial	19.4	22.1	19.0	20.9	23.9	22.9	21.9	21.9
Real Estate	16.3	18.3	16.4	17.8	20.2	19.4	19.3	19.4
Personal Property	3.2	3.8	2.6	3.1	3.7	3.5	2.6	2.5
Manufacturing	17.7	9.4	6.7	6.3	5.9	5.2	4.6	4.5
Real Estate	11.1	6.2	4.9	4.7	4.1	3.7	3.7	3.7
Personal Property	6.6	3.3	1.8	1.7	1.8	1.5	0.9	0.8
Other	12.2	13.1	15.1	13.8	9.8	7.9	6.0	6.0
Agricultural/Other	10.4	11.7	13.5	12.2	8.4	6.7	4.2	4.0
Swamp/Waste/								
Forest	0.6	0.8	1.4	1.5	1.3	1.1	1.7	1.9
Other Personal	<u>1.2</u>	<u>0.5</u>	<u>0.2</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Some totals may not add due to rounding.								

Finally, economic conditions explain some of the shifts. For example, national economic conditions associated with recessionary periods caused some reductions in manufacturing, commercial, and agricultural tax base during the 1980s. As a result, taxes on that property either declined or grew at a slower rate.

assistance to local governments. One of the major goals of the local assistance programs has been to reduce local reliance on the property tax and provide property tax relief. Tables 5 and 6 examine changes in state taxes, local assistance, and net property tax levies over five-year intervals from 1970-71 to 2000-01, plus 2001-02.

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**State Taxes, Local Assistance,  
Net Property Taxes, and Inflation Since 1970**

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Since its adoption of the state income tax in 1911, Wisconsin has used state tax collections to provide

The tables show that state taxes and local assistance have grown at greater rates between 1970-71 and 2001-02 than net property taxes. However, the relationship between the three factors has varied over the period. For example, state taxes grew more rapidly than local assistance between 1975-76 and 1985-86, but local assistance increases outpaced state tax growth between 1985-

**Table 5: State Taxes, Local Assistance, and Net Property Tax Levies (Total \$ in Millions)**

	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	2000-01	2001-02
<b>State Taxes</b>								
Total	\$1,381.3	\$2,440.1	\$3,659.0	\$5,799.0	\$7,056.8	\$9,440.5	\$11,537.2	\$11,523.2
Per Capita	313	572	773	1,211	1,434	1,836	2,136	2,113
<b>Local Assistance</b>								
Total	899.4	1,644.6	2,091.7	3,100.9	4,190.3	5,530.1	7,590.9	7,781.1
Per Capita	204	386	442	647	852	1,075	1,406	1,427
<b>Net Property Tax Levy</b>								
Total	1,039.4	1,262.9	1,901.1	2,744.4	4,068.9	5,267.1	6,046.7	6,471.7
Per Capita	235	296	402	573	827	1,024	1,120	1,187

**Table 6: Annualized Percent Change in State Taxes, Local Assistance, and Net Property Tax Levies**

	1970-71 to 1975-76	1975-76 to 1980-81	1980-81 to 1985-86	1985-86 to 1990-91	1990-91 to 1995-96	1995-96 to 2000-01	1970-71 to 2001-02
<b>State Taxes</b>							
Total	12.1%	8.4%	9.6%	4.0%	6.0%	4.1%	7.1%
Per Capita	12.9	6.2	9.4	3.4	5.1	3.1	6.4
<b>Local Assistance</b>							
Total	12.8	4.9	8.2	6.2	5.7	6.5	7.2
Per Capita	13.6	2.8	7.9	5.6	4.8	5.5	6.5
<b>Net Property Tax Levy</b>							
Total	4.0	8.5	7.6	8.2	5.3	2.8	6.1
Per Capita	4.7	6.3	7.4	7.6	4.4	1.8	5.4
<b>Consumer Price Index</b>							
All Urban Consumers	7.0	9.8	3.9	4.4	2.9	2.6	4.9

86 and 1990-91 and between 1995-96 and 2000-01.

The latter period reflects a significant increase in funding for local assistance that occurred in 1996-97 as the state began providing two-thirds of partial school revenues on a statewide basis. Between 1995-96 and 2000-01, funding for local assistance increased annually by 6.5%, on average, and, in response, the rate of increase in net property taxes averaged only 2.8%.

In addition, the totals in the table are converted to per capita amounts and the change in the Consumer Price Index for all urban consumers (CPI-U) is reported in Table 6 to reflect whether

local assistance dollars have been used to maintain or increase local service levels. Although growth in local assistance failed to keep pace with inflation and population growth combined between 1975-76 and 1980-81, growth in per capita local assistance exceeded the inflation rate in each of the other periods examined. Since 1980-81, per capita local assistance increases have exceeded the rate of inflation. Between 1980-81 and 1995-96, per capita property tax increases also were higher than inflation. Since then, the rate of inflation has exceeded the rate of increase in per capita property taxes.

Table 7 presents funding levels since 1994 for the local assistance programs with appropriations

**Table 7: Selected Major State Aid Programs (\$ in Millions)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Direct Aid to Counties and Municipalities</b>										
Shared Revenue & Related Programs										
General Transportation Aid	\$972.3	\$1,012.6	\$1,008.6	\$1,008.6	\$1,008.6	\$1,008.6	\$1,019.2	\$1,019.2	\$1,029.4	\$1,039.7
Community Aids*	261.2	276.1	284.4	292.9	326.5	326.5	348.5	348.5	359.0	373.3
TOTAL	<u>320.3</u>	<u>328.1</u>	<u>331.9</u>	<u>303.4</u>	<u>303.1</u>	<u>295.5</u>	<u>306.5</u>	<u>302.3</u>	<u>262.9</u>	<u>261.7</u>
TOTAL	\$1,553.8	\$1,616.8	\$1,624.9	\$1,604.9	\$1,638.2	\$1,630.6	\$1,674.2	\$1,670.0	\$1,651.3	\$1,674.7
% Change		4.1%	0.5%	-1.2%	2.1%	-0.5%	2.7%	-0.2%	-1.1%	1.4%
<b>Tax Credits</b>										
School Levies Credit	\$319.3	\$319.3	\$319.3	\$469.3	\$469.3	\$469.3	\$469.3	\$469.3	\$469.3	\$469.3
Lottery Credit	<u>128.7</u>	<u>136.6</u>	<u>156.2</u>	<u>0.0</u>	<u>205.8</u>	<u>142.7</u>	<u>216.2</u>	<u>90.6</u>	<u>105.0</u>	<u>106.3</u>
TOTAL	\$448.0	\$455.9	\$475.5	\$469.3	\$675.1	\$612.0	\$685.5	\$559.9	\$574.3	\$575.6
% Change		1.8%	4.3%	-1.3%	43.9%	-9.3%	12.0%	-18.3%	2.6%	0.2%
	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03
<b>Aid to School Districts and Technical Colleges</b>										
General School Aid**	\$1,832.2	\$2,093.5	\$2,349.1	\$3,184.5	\$3,396.0	\$3,562.5	\$3,767.9	\$3,931.9	\$4,051.6	\$4,200.9
Categorical School Aid	349.9	370.4	364.0	381.5	408.7	426.9	458.3	531.4	550.8	574.2
Technical College Aid	<u>117.0</u>	<u>123.5</u>	<u>124.4</u>	<u>124.4</u>	<u>126.9</u>	<u>128.6</u>	<u>130.1</u>	<u>140.7</u>	<u>139.3</u>	<u>137.3</u>
TOTAL	\$2,299.1	\$2,587.4	\$2,837.5	\$3,690.4	\$3,931.6	\$4,118.0	\$4,356.3	\$4,604.0	\$4,741.7	\$4,912.4
% Change		12.5%	9.7%	30.1%	6.5%	4.7%	5.8%	5.7%	3.0%	3.6%
GRAND TOTAL	\$4,300.9	\$4,660.1	\$4,937.9	\$5,764.6	\$6,244.9	\$6,360.6	\$6,716.0	\$6,833.9	\$6,967.3	\$7,162.7
% Change		8.4%	6.0%	16.7%	8.3%	1.9%	5.6%	1.8%	2.0%	2.8%

\*Beginning in 1997, funding for child care was transferred to a separate appropriation for the Department of Workforce Development under provisions of 1995 Wisconsin Act 289. Beginning in 2002, amounts reflect transfers to Family Care and adjustments for Milwaukee County's contribution for child welfare services.

\*\*Includes general aid to county children with disabilities education boards.

over \$100 million. Over that period, assistance for school districts and technical colleges has grown more rapidly than assistance for municipalities and counties. The largest increases occurred between 1995 and 1997, when additional school aid funding was provided as part of the plan for the state to fund two-thirds of partial school revenues on a statewide basis.

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### Changes in Property Tax Levies by Taxing Jurisdiction

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Changes in property tax levies have varied by type of taxing jurisdiction between 1970(71) and 2001(02). Table 8 reports that gross tax levies increased by an average, annual rate of 5.9% over

that period.

Elementary and secondary school levies comprised over half of total levies between 1970 and 1995, but decreased to 43.6% of total levies by 2001(02). State funding of two-thirds of partial school revenues on a statewide basis and school district revenue limits are the primary causes for the decrease. Since 1970, school levies increased at the lowest average, annualized rate (5.0%). In Table 8, the growth rates for school levies may be overstated for 1980 to 1985 and understated for 1985 to 1990 because the table reflects 1985(86) tax levies prior to the application of \$155 million in school aid tax credits. Subsequently, funding for the credits was converted to direct school aids. If the credits are subtracted from the 1985(86) levy, average annual school tax increases of 5.4% from 1980 to 1985 and 8.3% from 1985 to 1990 result.

**Table 8: Total Property Tax Levy by Taxing Jurisdiction (\$ in Millions)**

Year Levied	Gross Property Tax*	Municipal & Special District	County	Elementary & Secondary (K-12) Schools	Technical College Districts
<b>1970(71)</b>					
Amount	\$1,179.0	\$220.8	\$251.1	\$674.0	\$26.2
Percent	100.0%	18.7%	21.3%	57.2%	2.2%
<b>1975(76)</b>					
Amount	\$1,601.3	\$369.9	\$241.4	\$899.5	\$78.9
Percent	100.0%	23.1%	15.1%	56.2%	4.9%
<b>1980(81)</b>					
Amount	\$2,210.0	\$479.6	\$355.5	\$1,219.9	\$133.4
Percent	100.0%	21.7%	16.1%	55.2%	6.0%
<b>1985(86)</b>					
Amount	\$3,203.5	\$765.2	\$489.8	\$1,738.3	\$185.6
Percent	100.0%	23.9%	15.3%	54.3%	5.8%
<b>1990(91)</b>					
Amount	\$4,388.2	\$1,070.6	\$697.5	\$2,356.4	\$235.4
Percent	100.0%	24.4%	15.9%	53.7%	5.4%
<b>1995(96)</b>					
Amount	\$5,738.9	\$1,379.2	\$964.5	\$3,023.6	\$331.3
Percent	100.0%	24.0%	16.8%	52.7%	5.8%
<b>2000(01)</b>					
Amount	\$6,604.5	\$1,837.1	\$1,316.1	\$2,927.8	\$466.3
Percent	100.0%	27.8%	19.9%	44.3%	7.1%
<b>2001(02)</b>					
Amount	\$7,043.7	\$1,977.8	\$1,420.0	\$3,071.8	\$511.6
Percent	100.0%	28.1%	20.2%	43.6%	7.3%
<b>Annualized Average Growth Rates</b>					
1970-75	6.3%	10.9%	-0.8%	5.9%	24.6%
1975-80	6.7	5.3	8.0	6.3	11.1
1980-85	7.7	9.8	6.6	7.3	6.8
1985-90	6.5	6.9	7.3	6.3	4.9
1990-95	5.5	5.2	6.7	5.1	7.1
1995-00	2.8	5.9	6.4	-0.6	7.1
2000-01	6.6	7.7	7.9	4.9	9.7
1970-01	5.9%	7.3%	5.7%	5.0%	10.1%

\*The state forestry tax is not reflected and accounts for the remainder of the total levy.

Technical college district levies increased at the highest annual growth rate between 1970 and 2001. Above average growth rates throughout the 1970s coincided with the transformation of the vocational

education system from a municipal basis to a statewide system (see Legislative Fiscal Bureau Informational Paper #35, entitled "Wisconsin Technical College System"). From 1980 through 1990, growth in technical college levies was lower than that for other taxing jurisdictions, but the pattern since 1990 has been for levy increases greater than that for other taxing jurisdictions.

County levies changed at annual rates below the state average between 1970 and 1975 and between 1980 and 1985. During those periods, the state assumed county costs for certain health and social services programs (1972 and 1973) and the Milwaukee Metropolitan Sewerage District assumed levying authority for its taxes from Milwaukee County (1982 and 1983). During each other period examined, growth in county levies exceeded the rate of change for total levies. Municipal and special purpose district levies increased at rates below the growth rates for total levies between 1975 and 1980 and between 1990 and 1995, but they increased at a more rapid rate than the rate of change for total levies during each other period examined.

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### Property Tax Rates

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Table 9 shows the cyclical nature of changes in the state average property tax rate. Over the period displayed, the rate peaked in 1971(72). During the 1970s, the state average tax rate declined as growth in property values exceeded tax levy increases. However, that relationship reversed in the 1980s, causing increases in the state average tax rate. Increases continued through 1992(93), when the rate approached the 1971 average. Since 1992(93), the state average rate has fallen each year.

**Table 9: Change in the State Average Property Tax Rate -- 1970(71) to 2001(02)**

Year Levied (Collected)	Full Value of All Property	Statewide Property Tax Levy		Tax Rate Per \$1,000 of Value	
		Gross	Net	Gross	Net
1970(71)	\$34,790,499,300	\$1,178,975,199	\$1,039,383,102	\$33.89	\$29.88
1975(76)	58,549,890,092	1,601,263,271	1,262,918,209	27.35	21.57
1980(81)	108,480,469,889	2,210,004,212	1,901,104,090	20.37	17.52
1985(86)	123,021,487,280	3,203,487,573	2,744,387,590	26.04	22.31
1990(91)	141,370,307,160	4,388,165,512	4,068,860,512	31.04	28.78
1995(96)	201,538,109,000	5,738,930,868	5,263,965,968	28.48	26.12
2000(01)	286,321,491,800	6,604,531,364	6,046,744,041	23.07	21.12
2001(02)	312,483,706,600	7,043,666,379	6,471,743,712	22.54	20.71
<b>Annualized Average Growth Rates</b>					
1970 - 1975	11.0%	6.3%	4.0%	-4.2%	-6.3%
1975 - 1980	13.1	6.7	8.5	-5.7	-4.1
1980 - 1985	2.5	7.7	7.6	5.0	4.9
1985 - 1990	2.8	6.5	8.2	3.6	5.2
1990 - 1995	7.3	5.5	5.3	-1.7	-1.9
1995 - 2000	7.3	2.8	2.8	-4.1	-4.2
2000 - 2001	9.1	6.6	7.0	-2.3	-1.9
1970 - 2001	7.3%	5.9%	6.1%	-1.3%	-1.2%

Net tax levies and rates include reductions for credits that were not extended to all property owners: personal property tax relief (PPTR) for owners of Line A personal property in 1970(71) through 1980(81) and the lottery credit for property used as the owner's principal residence in 1995(96), 2000(01), and 2001(02).

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### Estimated Property Tax Bills

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Table 10 provides estimates of tax bills for a median-valued home between 1992(93) and 2001(02). The amounts were calculated by multiplying statewide average tax rates by estimated home values. The home values are based on the 2000 median home value for Wisconsin, which was determined in the 2000 decennial, U.S. census. The values for the other years were calculated by adjusting the 2000 value according to the change in residential property values caused by economic factors, as reported by the Department of Revenue. The Department calculates that change annually as a component of equalized values, which it certifies each August 15. Changes to the state's housing stock due to demolitions and new construction probably cause the estimated home values to differ from the actual median value for the state in all years except 2000.

During the ten-year period, the event having

the greatest impact on the tax bill estimates was the state's assumption of funding two-thirds of partial school revenues on a statewide basis in 1996(97). In that year, the tax bill estimates decreased by 7.8% (gross) and 5.9% (net). To ease the transition to two-thirds funding, the level of state support for school funding was increased in 1994(95) and 1995(96). As a result, the rate of tax bill increases was reduced in each of those years, relative to the increase in 1993(94).

Since implementation of the two-thirds funding requirement, net tax bill decreases and increases have been influenced by changes in the lottery credit. After initially being extended exclusively to homeowners, credits were not distributed in 1996(97) after a circuit court decision found the credit unconstitutional. This caused lottery proceeds to accumulate over two years for distribution in 1997(98), when a new mechanism that allocated credits to all taxable property was enacted. In 1998(99), when lottery proceeds from only a single year were available for distribution, the average lottery credit declined and the net tax

**Table 10: Estimated Property Tax Bills for a Median-Valued Home Based on Statewide Average Tax Rates**

	1992(93)	1993(94)	1994(95)	1995(96)	1996(97)	1997(98)	1998(99)	1999(00)	2000(01)	2001(02)
Value	\$71,789	\$76,226	\$81,478	\$87,295	\$92,472	\$97,188	\$101,095	\$106,160	\$112,200	\$119,370
School Tax	\$1,307	\$1,354	\$1,344	\$1,335	\$1,098	\$1,102	\$1,134	\$1,137	\$1,173	\$1,202
Municipal Tax	461	478	501	518	551	575	595	605	644	671
County Tax	375	390	408	426	442	464	480	495	527	556
Technical College Tax	124	131	139	146	152	158	164	175	187	200
Other Taxes	<u>55</u>	<u>59</u>	<u>60</u>	<u>59</u>	<u>47</u>	<u>49</u>	<u>50</u>	<u>50</u>	<u>51</u>	<u>55</u>
Gross Tax	\$2,322	\$2,412	\$2,452	\$2,484	\$2,290	\$2,348	\$2,423	\$2,462	\$2,582	\$2,684
School Levy Tax Credit	-144	-142	-141	-138	-200	-196	-191	-187	-184	-179
Lottery Tax Credit	<u>-168</u>	<u>-108</u>	<u>-112</u>	<u>-126</u>	<u>0</u>	<u>-77</u>	<u>-52</u>	<u>-166</u>	<u>-67</u>	<u>-77</u>
Net Tax Bill	\$2,010	\$2,162	\$2,199	\$2,220	\$2,090	\$2,075	\$2,180	\$2,109	\$2,331	\$2,428
Change from Prior Year										
Gross Tax										
Amount		\$90	\$40	\$32	-\$194	\$58	\$75	\$39	\$120	\$102
Percent		3.9%	1.7%	1.3%	-7.8%	2.5%	3.2%	1.6%	4.9%	4.0%
Net Tax										
Amount		\$152	\$37	\$21	-\$130	-\$15	\$105	-\$71	\$222	\$97
Percent		7.6%	1.7%	1.0%	-5.9%	-0.7%	5.1%	-3.3%	10.5%	4.2%

bill increased. After the Wisconsin Constitution was amended to permit a targeted lottery credit, the credit was again extended exclusively to homeowners, beginning in 1999(00). Also for that year, the Legislature enacted provisions to increase the credit on a one-time basis by transferring

certain lottery fund expenditures to the general fund. Because this transfer occurred only in 1999(00), the credit decreased in 2000(01) when the lottery expenditures were transferred back to the lottery fund.